ABSTRACT

A protective coating for aluminate phosphors is described. The protective coating comprises at least a partial spinel coating having the general formula $Mg_{1-x}Al_{2(1-y)}O_{4-3y-x}$, where $0 \le x < 1$ and $0 \le y < 1$. The coating is applied by an aqueous solution method which may be compatible with conventional fluorescent lamp manufacturing techniques.

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